AMENDMENTS TO THE CLAIMS

1. **(Previously presented)** A process for the preparation of a composition comprising a mixture of linolenic acids, said linolenic acids being 9*cis*,11*trans*,15*cis*-octadecatrienoic acid and 9*cis*,13*trans*,15*cis*-octadecatrienoic acid and having a ratio of 1:1 w:w, a concentration of said mixture varying between 30% and 90% by weight relative to the weight of the composition, said process comprising the steps of:

- blending one or a mixture of vegetable oils with various concentrations of linolenic acid or partial glycerides of such oils or partially purified and/or concentrated isomers with a base and in the presence of water; and

- recovering the resulting conjugated linolenic acids.

2. **(Currently amended)** The process according to claim 1, ~~characterised in that it is~~ performed at a temperature ranging from 160°C to 200°C.

3. **(Currently amended)** The process according to claim 2, ~~characterised in that~~ wherein the temperature is 180°C.

4. **(Currently amended)** The process according to claim 1, ~~characterised in that it~~ said process proceeds for a period varying between 0.5 hour to 4 hours.

5. **(Currently amended)** The process according to claim 4, ~~characterised in that~~ wherein the period is 2 hours.

6. **(Currently amended)** The process of claim 1, ~~characterised in that~~ wherein the vegetable oil comprises linseed oil, *Plukenetia volubilis* oil, borage oil or a mixture thereof.

7. **(Currently amended)** The process of claim 1, ~~characterised in that~~ wherein the base is selected from a group consisting of sodium hydroxide, sodium alkoxylate, sodium metal, potassium hydroxide, potassium alkoxylate and potassium metal.

8. **(Currently amended)** The process according to claim 7, ~~characterised in that~~ wherein the base is potassium hydroxide or sodium hydroxide.

9. **(Currently amended)** A composition comprising a mixture of linolenic acids, said linolenic acids being 9*cis*,11*trans*,15*cis*-octadecatrienoic acid and 9*cis*,13*trans*,15*cis*-octadecatrienoic acid, ~~characterised in that~~ wherein said linolenic acids are present in a ratio of 1:1 w:w and said mixture varying between 30% and 90% by weight relative to the weight of the composition.

10. **(Currently amended)** The composition according to claim 9, ~~characterised in that~~ wherein it comprises at least 40% by weight of said mixture, and less than 0.5% by weight of 11,13-cyclic by-product.

11. **(Canceled)**

12. **(Canceled)**

13. **(Canceled)**

14. **(Currently amended)** ~~Use~~ A method for obtaining a varnish composition, comprising

providing ~~of~~ the composition according to claim 9,

providing a varnish, and ~~for dying oil in varnishes~~

mixing the composition with said varnish.

15. **(Currently amended)** A method for inducing apoptosis of mammalian solid neoplastic cancer cells ~~preventing or treating cancer in a mammal~~, comprising contacting said cells with ~~administering to a mammal~~ a therapeutically effective amount of the composition according to claim 9.

16. **(Canceled)**

17. **(Currently amended)** The method of claim 15, ~~characterised in that~~ wherein the mammalian solid neoplastic cancer cells are ~~is~~ breast cancer cells.

18. **(New)** The method of Claim 17, wherein said breast cancer cells are human breast cancer cells.

19. **(New)** The method of Claim 18, wherein the human breast cancer cells are selected from the group consisting of estrogen positive and estrogen negative breast cancer cells.

20. **(New)** The method of Claim 19, wherein the breast cancer cells are from cells lines MB-231 or MCF-7.

21. **(New)** The method of Claim 20, wherein the step of contacting the cells with the composition is performed in vitro.